

Amendments to the Specification:

Please replace the paragraph beginning on page 5, line 1 with the following amended paragraph:

--An n -to-1 wavelength combiner 14, such as a DWDM combiner (e.g., a Dense Wavelength Division Multiplexer), combines the n optical signals generated by the n laser sources into a common beam in a single fiber. The number of optical signals n can have any value up to the maximum number of signals feasibly combinable by combiner 14. The common beam generated by combiner 14 is supplied to an electro-optical modulator 16, such as a LiNiBO (lithium niobate) electro-optical phase modulator. An RF signal of interest arriving at an antenna 18 is amplified by amplifier 20 and supplied to modulator 16. Modulator 16 modulates the common beam with the RF signal by producing sidebands to the laser lines (i.e., the frequencies of the optical signals) at the RF frequency of the signal received by the antenna. In the case of phase modulation, the effect of the electro-optical phase modulator on a single laser line is given by the equation:--

Please replace the paragraph beginning on page 8, line 32 with the following amended paragraph:

--To achieve a wideband channelized receiver capability, the photonic channelized receiver may include any number of electro-optical phase modulators, etalons and laser sources configured for operation in parallel, as suggested by the dashed boxes shown in Fig. 1. Further, the photonic channelized receiver may be configured with multiple phase modulators and etalons to provide two or more receiver channel bandwidths.--